

SCALE & BALANCE

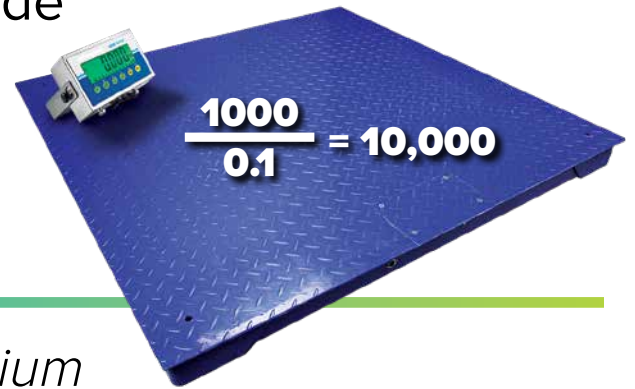
Accuracy Classes & Divisions

Weighing devices used for commercial or laboratory use are often designated within accuracy classes, which are usually referred to simply as classes.

...What do these classifications **mean?**

To determine a scale's division, divide its **capacity** by its **readability**.

A scale with a capacity of 1000lb. and a 0.1lb readability (1000 divided by 0.1) has 10,000 divisions.



Class I / Special

Uses:
Precision lab work

Divisions:
50,000+

Class II / High

Uses:
Laboratory weighing, weighing of precious metals and gems, cannabis dispensaries, grain test scales

Divisions:
≤100,000

Class III / Medium

Uses:
Industrial or commercial use, animal weighing, food weighing, postal use, scales used to determine laundry charges, vehicle on-board weighing systems (with capacities up to 30,000lb.)

Divisions:
≤10,000

Class III L

Uses:
Larger-capacity commercial use, weighing vehicles, axle loads, livestock, railway tracks, vehicle on-board weighing systems (with capacities >30,000 lb.), cranes, hoppers (other than grain)

Divisions:
≤10,000

Class III / Ordinary

Uses:
Wheel-load weighers, portable axle-load weighers used for highway weight enforcement

Divisions:
≤1,200

If you have any questions, please reach out to us!

